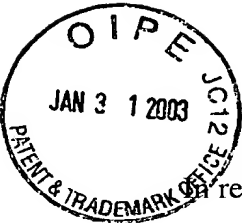


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of **Vining, et al.**

Application No. **09/856,683**

#9

Attorney Docket No. **0101 P01789US1**

Filed: **May 23, 2001**

For: **Virtual Endoscopy with Improved  
Image Segmentation and Lesion  
Detection**

Examiner:

Group Art Unit:

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231.

1.28.2003  
Date of Certificate

Robin Dolan  
Robin Dolan

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date of the application. However, Applicants have not yet received an action on the merits of the application. Accordingly, Applicants believe that no fee is required pursuant to 37 C.F.R. § 1.97 (b) (3). In the event a fee is required, the Commissioner is authorized to charge the required fees to deposit account no. 04-1406. A duplicate copy of this sheet is included for fee processing, if necessary. Applicants further alert the Examiner to the following co-pending applications of Applicants, which are directed to similar subject matter: 09/898,141,

filed July 3, 2001; 09/594,383, filed June 15, 2000; and, 10/109,547, filed March 28, 2003.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.



Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN  
A Professional Corporation  
Attorneys for Applicant(s)

By

A handwritten signature in black ink, appearing to read "Niels Haun", written over a horizontal line.

Niels Haun

PTO Registration No. 48,488

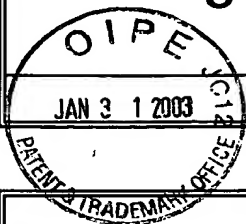
Telephone: (215) 563-4100

Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of references listed on PTO - 1449

# INFORMATION DISCLOSURE STATEMENT



SHEET 1 OF 3

*Complete if known*

Application Number: 09/856,683

Filing Date: May 23, 2001

First Named Inventor: Vining, et al.

Group Art Unit:

Examiner Name:

Attorney Docket Number: 0101 P01789US1

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
		5,313,567	5/17/1994	Civanlar, et al.
		6,366,800	4/2/2002	Vining, et al.
		6,272,366	8/7/2001	Vining

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
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## OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	,	Chen, et al., "A Distributed and Interactive Three Dimensional Medical Imaging System", Comput Med Imaging Graph, Sep.-Oct. 1994; 18(5):325-37*
	"	Wiegand, et al., "The Surgical Workstation: Surgical Planning using Generic Software", Otolaryngol Head Neck Surg, Sep. 1993; 1093 (3 Pt 1): 434-40*
	,	Shapiro, et al., "Preliminary Results of a Modified Surface Redering Technique in the Display of MR Angiography Images", Magn Reson Imaging, 1994;12(3):461-8*.
	,	Rusinek, et al., "Volumetric Rendering of MR Images", Radiology Apr. 1989;17(1):269-72.*
	,	Amended Answer and Counterclaim of Defendant Voxar Limited, Filed October 10, 2002.

EXAMINER'S  
SIGNATURE

DATE  
CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE STATEMENT

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Application Number: 09/856,683

Filing Date: May 23, 2001

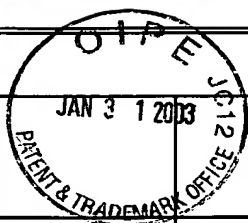
First Named Inventor: Vining, et al.

Group Art Unit:

Examiner Name:

SHEET 2 OF 3

Attorney Docket Number: 0101 P01789US1



	Shinagawa, Y., et al., "Automating View Function Generation for Walk-through Animation Using a Reeb Graph", Proceedings Computer Animation '90, at pp. 227-237 (Springer-Verlag 1990).
	Nomura, et al., "Walking through a Human Ear", Act Otolaryngol at 107:366-370 (1989).
	Mani, et al., "A Computer-Assisted Radiologic Reporting System", Radiology 108:587-596, Sept. 1973.
	Wheeler, et al., "The John Hopkins Radiology Reporting System", Radiology 119:315-319, May 1976.
	Bluemke, et al., "An Automated Radiology Reporting System That Uses HyperCard", Computers in Radiology, AJR 1993; 160:185-187 0361-803X/93/1601-0185 American Roentgen Ray Society, July 23, 1992.
	Pendergrass, et al., "An On-Line Computer Facility for Systematized Input of Radiology Reports"
	Barnhard, et al., "Computer Autocoding, Selecting and Correlating of Radiologic Diagnostic Cases"
	Bell, et al., "Experiments in Concept Modeling for Radiographic Image Reports", J Am Med Informatics Assoc. 1994;1:249-262, Jan. 1994.
	Kahn, Jr., et al., "Structured Entry of Radiology Reports Using World Wide Web Technology", RadioGraphics 1996; 16:683-691, RSNA, 1996.
	Brolin, "MEDELA: An Electronic Data-Processing System for Radiological Reporting", Radiology 103:249-255, May 1972.
	Leeming, et al., "Advances in Radiologic Reporting with Computerized Language Information Processing", Radiology 133:349-353, Nov. 1979.
	Dietrich, "Knowledge-Based Computer-Assisted Diagnosis of Chest Radiographs", Radiologic Clinics of North America - ol. XVI, No. 3, Dec. 1978.
	Jost, "Radiology Reporting", Radiologic Clinics of North America - Vol. 24, No. 1, March 1986.
	Langlotz, "Enhancing the Expressiveness of Structured Reporting Systems", Journal of Digital Imaging, Vol. 13, No. 2, Suppl. 1 (May), 2000: pp 49-53.

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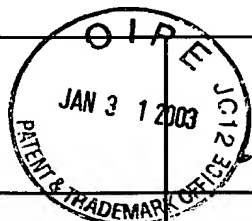
First Named Inventor: Vining, et al.

Group Art Unit:

Examiner Name:

SHEET 3 OF 3

Attorney Docket Number: 0101 P01789US1



Du-Yih Tsai, et al., "Computer-based Measurement of Right and Left Ventricular Volumes in Magnetic Resonance Imaging", IMTC/94, Advanced Technologies in I & M, 1994 IEEE Hamamatsu, Japan 10-12 May 1994, New York, NY, USA IEEE, 10 May 1994, pp. 971-974, XP010121821.

Lorensen, et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", Siam Journal on Computing, Society for Industrial and Applied Mathematics, US, Vol. 21, No. 4, 1 July 1987, pp. 163-169, XP000576999

Rubin, et al., "Perspective Volume Rendering of CT and MR Images: Applications for Endoscopic Imaging", Radiology, Oak Brook, IL, US, Vol. 199, No. 2, 1 May 1996, pp. 321-330, XP002083446.

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